

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|------------------|
| L2 | 1 | ("6249370").PN. | USPAT; USOCR | OR | OFF | 2007/06/28 18:56 |
| L3 | 0 | L2 and pzt | USPAT | OR | OFF | 2007/06/28 18:47 |
| L4 | 1 | L2 and zirconate | USPAT | OR | OFF | 2007/06/28 18:57 |
| L5 | 4 | ((("6249370") or ("6549694") or ("6639722") or ("6002154"))).PN. | USPAT; USOCR | OR | OFF | 2007/06/28 18:57 |
| L6 | 0 | L5 and pzt | USPAT | OR | OFF | 2007/06/28 18:58 |
| L7 | 1 | L5 and (zirconate with titanate) | USPAT | OR | OFF | 2007/06/28 18:58 |
| L8 | 95199 | actuator\$1 and ((height\$1 or position\$1) with (var\$4 or differ\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L9 | 23180 | actuator\$1 same ((height\$1 or position\$1) with (var\$4 or differ\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L10 | 1 | "20050046921" | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L11 | 1 | L10 and (four with direction\$1) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L12 | 1 | L10 and (two) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L13 | 12 | ((method or process) with (form\$3 or mak\$3) with (spatial with modulator\$1)).ti. | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L14 | 1 | "20050046921" | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L15 | 1 | L14 and pzt | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L16 | 98 | wavefront adj pattern\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L17 | 13248 | actuator\$1 with ((height\$1 or position\$1) with (var\$4 or differ\$4)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |

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| L18 | 12 | ((actuator\$1 or reflect\$3 or mirror\$1) with (height\$1 with different) with pattern\$1) and "359"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L19 | 602 | actuator\$1 with (height\$1 with differ\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L20 | 176 | (actuator\$1 same electrode\$1 same (reflect\$3 or mirror\$1)) and 359/291.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L21 | 406 | actuator\$1 with (height\$1 with different) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L22 | 1145 | diffract\$3 with refract\$3 with mirror\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L23 | 285 | diffract\$4 with quarter with wavelength\$1 | USPAT | OR | OFF | 2007/06/28 19:46 |
| L24 | 382 | ((first with order with diffraction with second) and "359"/\$.ccls.) and mirror\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L25 | 16673 | diffract\$3 with refract\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L26 | 636 | (first with order with diffraction with second) and "359"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L27 | 2555 | (359/290,291,295,571).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |

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| L28 | 1653 | (385/18).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L29 | 4099 | ((359/290,291,295,571).CCLS.) or ((385/18).CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L30 | 351 | (actuator\$1 same electrode\$1 same (reflect\$3 or mirror\$1)) and (((359/290,291,295,571).CCLS.) or ((385/18).CCLS.)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L31 | 1779 | (PZT or zirconate) with actuator | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L32 | 351 | (actuator\$1 same electrode\$1 same (reflect\$3 or mirror\$1)) and (((359/290,291,295,571).CCLS.) or ((385/18).CCLS.)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L33 | 0 | (PZT or zirconate) with contract\$3 with expand\$3 with spatial | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L34 | 0 | ((PZT or zirconate) with contract\$3 with expand\$3) same spatial | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L35 | 1 | "20050046921" | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L36 | 0 | L35 and (individual\$2 with modulat\$3) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L37 | 2326 | modulator\$1 same (individual\$5 with control\$4) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L38 | 79 | (PZT or zirconate) with actuator with (contract\$3 or expand\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L39 | 1 | ("6249370").PN. | USPAT; USOCR | OR | OFF | 2007/06/28 19:46 |

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| L40 | 0 | L39 and pzt | USPAT | OR | OFF | 2007/06/28 19:46 |
| L41 | 0 | L39 and plzt | USPAT | OR | OFF | 2007/06/28 19:46 |
| L42 | 1181 | modulator\$1 with individual\$5 with control\$4 | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L43 | 87 | modulator\$1 same (reflect\$3 with curve) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L44 | 0 | modulator and (insulat\$3 with layer\$1 with substrate\$1 with dissipat\$3 with heat\$3 with electrode\$1) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L45 | 267 | (jack with dinh) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L46 | 0 | modulator and (insulat\$3 with layer\$1 with substrate\$1 with dissipat\$3 with heat\$3 with electrode\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L47 | 55 | (insulat\$3 with layer\$1) with substrate\$1 with dissipat\$3 with heat\$3 with electrode\$1 | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L48 | 82 | (insulat\$3 with layer\$1 with substrate\$1 with dissipat\$3 with heat\$3 with electrode\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L49 | 4099 | ((359/290,291,295,571).CCLS.) or ((385/18).CCLS.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L50 | 1 | L10 and (four) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L51 | 0 | L10 and (dimension\$2) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L52 | 0 | L10 and (two with dimension\$2 with array\$1) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L53 | 1 | ("6,549,694").PN. | USPAT; USOCR | OR | OFF | 2007/06/28 19:46 |
| L54 | 1 | L14 and piston\$ | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L55 | 1 | L14 and (insulating with layer\$1) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L56 | 31 | ((method or process) with (us\$3) with (spatial with modulator\$1)).ti. | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |

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| L57 | 0 | L10 and (two with dimension\$2) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L58 | 1 | L35 and wavefront | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L59 | 1 | L35 and wavefront\$1 | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L60 | 1 | L45 and ((one with two with degree\$1).clm.) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L61 | 1 | L35 and (individual\$2) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L62 | 1 | ("6856449").PN. | USPAT; USOCR | OR | OFF | 2007/06/28 19:46 |
| L63 | 32 | actuator\$1 same ((height\$1 or position\$1) with (var\$4 or differ\$4)) same wavefront\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L64 | 40 | (spatial adj (light\$1 or modulator\$1)) same actuator\$1 same electrode\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L65 | 7 | actuator\$1 with (height\$1 with different) with pattern\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L66 | 34 | (wavefront adj pattern\$1) and actuator\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L67 | 84 | diffract\$3 with refract\$3 with mirror\$1 with wavelength\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L68 | 21 | (diffract\$3 with refract\$3 with mirror\$1 with wavelength\$1) and "359"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L69 | 48 | diffract\$4 with quarter with wavelength\$1 with mirror\$1 | USPAT | OR | OFF | 2007/06/28 19:46 |
| L70 | 3 | ((("5735026") or ("5862002") or ("6059416")).PN. | USPAT; USOCR | OR | OFF | 2007/06/28 19:46 |

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| L71 | 37 | (PZT or zirconate) with actuator with (contract\$3 with expand\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L72 | 7 | ((PZT or zirconate) with contract\$3 with expand\$3) same (modulator\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L73 | 3 | L42 and (jack with dinh) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L74 | 3 | L37 and (jack with dinh) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L75 | 75 | modulator\$1 and (benedicto) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L76 | 68 | modulator\$1 and (jack with dinh) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L77 | 27 | modulator\$1 with (reflect\$3 with curve) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L78 | 28 | modulator\$1 with (curve\$1 adj mirror\$1) | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L79 | 16 | (insulating adj layer\$1) with substrate\$1 with dissipat\$3 with heat\$3 with electrode\$1 | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L80 | 31 | L47 and @ad<="20030829" | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L81 | 51 | L48 and @ad<="20030829" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L82 | 31 | L48 and @ad<="20030829" | US-PGPUB; USPAT | OR | OFF | 2007/06/28 19:46 |
| L83 | 223 | (actuator\$1 or reflect\$3 or mirror\$1) with (height\$1 with different) with pattern\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
| L84 | 111 | (359/323).CCLS. | USPAT; USOCR | OR | OFF | 2007/06/28 19:46 |
| L85 | 261 | ((first with order with diffraction with second) and "359"/\$.ccls.) and mirror\$1 | USPAT | OR | OFF | 2007/06/28 19:46 |

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|-----|------|-------------------------|---|----|-----|------------------|
| L86 | 1178 | L49 and @pd>="20050701" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 19:46 |
|-----|------|-------------------------|---|----|-----|------------------|